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Commissioner for Patents, Alexandria, VA 22313-1450.

(Date of Deposit)

Karen Cinq-Mars

(Signature)

(Date)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of : January 29, 2004  
Liebmann et al. :  
Serial No. 10/707,962 : Examiner:  
Filed: 01-28-04 : IBM Corporation  
Dept. 18G/Bldg. 300-482  
2070 Route 52  
Hopewell Junction,  
New York 12533-6531  
Title: ALTERNATING PHASE SHIFT  
MASK DESIGN FOR HIGH PERFORMANCE  
CIRCUITRY :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under  
37 C.F.R. § 1.56 and in accordance with the practice under  
37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to  
the documents listed on the enclosed Form PTO-1449. Copies of the  
listed documents are also enclosed.

It is respectfully requested that the above information be  
considered by the Examiner and that a copy of the enclosed Form  
PTO-1449 be returned indicating that such information has been  
considered.

Applicants undersigned attorney may be reached by telephone

FIS920030378US1

at (845) 894-6919. All correspondence should continue to be directed to the below listed address.

Respectfully submitted,



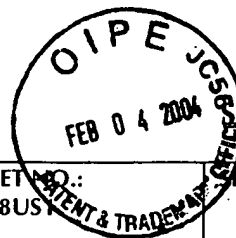
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TML/kcm

# SUPPLEMENTAL INFORMATION DISCLOSURE



Sheet 1 of 1

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: FIS920030378US	SERIAL NO.: 10/707,962
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Lars Liebmann et al.	
(Use several sheets if necessary) (37 CFR 1.98(b))		FILING DATE: 01-28-04	GROUP:

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						

		U.S. PATENT APPLICATION NO.	PUBLICATION DATE	INVENTOR			
	BA						
	BB						
	BC						
	BD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES	NO
	BE							
	BF							
	BG							
	BH							
	BI							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	BJ	<i>Lithography, Resolution Enhancement, Design for Manufacturability</i> ; L. Liebmann, IBM Microelectronics, Semiconductor Research and Development Center, 13 pages
	BK	<i>Exposing the DUV SCAAM – 75nm Imaging on the Cheap!</i> ; M. D. Levenson, T. Ebihara, SPIE Vol. 4692 (2002) pages 288-297.
	BL	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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